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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: CHUNG-PENG HAO ET AL

SERIAL NO.: 10/728,983

GROUP ART UNIT: 2891

FILED: December 8, 2003

EXAMINER: D. Zarneke

FOR: STI FORMING METHOD FOR IMPROVING STI  
STEP UNIFORMITY

ATTY. REFERENCE: HAOC3001/BEU

COMMISSIONER OF PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a communication/amendment in the above-identified application.

- Small entity status under 37 CFR 1.9 and 1.27 is claimed.  
 No additional fee is required.

The fee, if any, has been calculated as shown below:

Fee Basis	Number of Claims After Amendment	Highest Number Previously Paid For	Extra Claims	Small Entity	Full Fee
Total Claims	-	<sup>1</sup> =	<sup>3</sup>	$\times \$ 25 =$	$\times \$ 50 =$
Independent Claims	-	<sup>2</sup> =	<sup>3</sup>	$\times \$100 =$	$\times \$ 200 =$
<input type="checkbox"/> First Presentation of Proper Multiple Dependent Claim				$+ \$180 =$	$+ \$360 =$
			TOTAL		

<sup>1</sup> If less than 20 enter 20.

<sup>2</sup> If less than 3 enter 3.

<sup>3</sup> If less than 0 enter 0.

- Please charge my Deposit Account Number 02-0200 in the amount of \$ \_\_\_\_\_ . A duplicate copy of this sheet is attached.  
 A check in the amount of \$ \_\_\_\_\_ is attached.  
 The Commissioner is hereby authorized to charge any additional fees associated with this communication, including fees due under 37 CFR 1.16 and 37 CFR 1.17 or credit any overpayment to Deposit Account Number 02-0200. A duplicate copy of this sheet is attached.  
 Also enclosed is/are:

23364

Customer Number  
Phone: (703) 683-0500

DATE: June 27, 2005

Respectfully submitted,

  
Benjamin E. Urcia  
Attorney for Applicant  
Registration Number: 33,805



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of: )      Group Art Unit: 2891  
    )  
Chung-Peng HAO *et al.*          )      Examiner: D. Zarneke  
    )  
Serial Number: 10/728,983          )      Attorney Docket: HAOC3001beu  
    )  
Filed: December 8, 2003            )      Confirmation No.: 1102

For: STI Forming Method For Improving STI Step Uniformity

AMENDMENT AND RESPONSE

Honorable Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

This paper is in response to the Official Action dated May 25, 2005.

An ELECTION OF SPECIES is set forth on page 2.

Remarks/Arguments begin on page 3.

Serial Number 10/728,983

### **ELECTION OF SPECIES**

The Applicant elects **Species II**, in which the planarizing material layer comprises “anti-reflective material.”

### **IDENTIFICATION OF CLAIMS**

**Claims 1 and 3-6** read on the elected species. Of these, **claims 1, 3, 5, and 6** are generic.